

On the 18th a comparatively slight disturbance was central near 48° N., 20° W., as shown by report in table.

From the 25th to 29th considerable cyclonic activity prevailed over the middle and eastern sections of the steamer lanes that reached its greatest intensity on the 28th and 29th, with moderate gales on these dates along the 50th parallel, between the 20th and 40th meridians.

On the 29th gales were reported along the American coast between Jacksonville and Hatteras, as shown by report in table from the British S. S. *Comanche*.

NOTES

Am. S. S. *Gulf Trader*; Capt. N. Borgersen; observer, J. N. Converse. From Philadelphia to Port Arthur: July 4, 2:15 to 3:30 a. m. approximate position 33° N., 75° 30' W. Passed through electrical storm of unusual severity. A steady cross fire of chain and ball lightning with steady crash of thunder. SW. wind of hurricane force for a short time. Very heavy rain.

Am. S. S. *Steel Mariner*; Capt. H. W. Doyle; observer, H. Hendrickson. From Colon to Portsmouth, N. H.: July 10-12, from Colon to Navassa Island, off west coast of Haiti, experienced strong wind, increasing to fresh gale at times, with a steady barometer.

Am. S. S. *Gulf Prince*; Capt. Chas. G. Carlsen; observer, 2d mate. From Beverly, Mass., to Port Arthur: July 8, 11:45 to 11:55 a. m., observed a large waterspout 6 miles SE. of Fowey Rocks. Spout was moving north.

Am. S. S. *West Celeron*; Capt. E. P. White, jr.; observer, R. H. Perry. From Marseille to Galveston: July 6 in 25° 50' N., 76° 30' W., sighted waterspouts. Heavy rolls of Nimbus clouds and heavy rain squalls. Upper clouds moving toward SW. and lower toward NE. Barometer 29.95 inches. Temperature of air 79°.

French S. S. *De La Salle*; Capt. A. Sylvestre; observer, M. Guillon. From Habana to New Orleans: On July 27 observed two waterspouts. The first at 7 p. m. was broken rapidly. The second from 7:18 to 7:27 p. m. at the same spot, inclination from the clouds about 45°. Ship's position, 27° 56' N., 88° W. Approximate position of spout: Distance from ship 7 miles, bearing N. 30° E, true. Temperature of air 86°. Wind ESE., 2. Clouds from which spout came, Cu. Nb. Direction of lower clouds, W.

OCEAN GALES AND STORMS, JULY, 1927

Vessel	Voyage		Position at time of lowest barometer		Gale began	Time of lowest barometer	Gale ended	Lowest barometer	Direction of wind when gale began	Direction and force of wind at time of lowest barometer	Direction of wind when gale ended	Highest force of wind and direction	Shifts of wind near time of lowest barometer
	From—	To—	Latitude	Longitude									
NORTH ATLANTIC OCEAN													
Binnendijk, Du. S. S.	Newport News.	Rotterdam	47 05 N.	27 45 W.	July 2.	4a., 3d.	July 3.	Inches 29.53	W.	NW., 8.	NW.	NW., 8.	Steady.
Belleplaine, Am. S. S.	Rotterdam	New York	49 30 N.	14 10 W.	3.	3d.	6.	29.17	S.	W., 7.	NE.	NW., 8.	SW.-W.
Housatonic, Br. S. S.	South Shields	Tampico	49 32 N.	6 12 W.	3.	Mdt., 3d.	6.	29.46	SE.	S., 8.	NNW.	S., 8.	SSE.-SSW.
Bristol City, Br. S. S.	Fowey, England.	Philadelphia	49 10 N.	17 37 W.	5.	9a., 5th.	6.	29.45	W.	W., 7.	W.	W., 8.	WSW.-W.
Ontario, Fr. S. S.	Dunkirk	New York	49 27 N.	11 44 W.	6.	9a., 6th.	7.	29.42	SW.	SW., 7.	NW.	NW., 9.	SW.-W.-NW.
West Eldara, Am. S. S.	New York	Antwerp	48 35 N.	18 55 W.	9.	1a., 9th.	9.	30.18	N.	N., 8.	N.	N., 8.	Steady.
Burgerdijk, Du. S. S.	do.	Rotterdam	48 30 N.	19 51 W.	17.	4a., 18th.	18.	29.46	E.	E., 8.	ESE.	E., 8.	E.-ESE.
West Eldara, Am. S. S.	Antwerp	New York	50 20 N.	30 00 W.	24.	4a., 25th.	28.	29.57	W.	W., 8.	NNW.	NW., 8.	SW.-W.-NW.
United States, Dan. S. S.	Oslo	do.	51 46 N.	34 10 W.	27.	2a., 28th.	28.	29.39	SE.	NW., 8.	NW.	NW., 9.	SW.-W.-NW.
Arkansas, Dan. S. S.	Newcastle	Boston	52 15 N.	29 08 W.	28.	2p., 28th.	29.	29.30	SW.	SW., 7.	NNE.	—, 9.	SE.-SW.-NW.
San Nazario, Br. S. S.	The Tyne	Canal Zone.	51 31 N.	19 23 W.	28.	2p., 28th.	30.	29.25	SE.	SW., 6.	WNW.	SW., 9.	SE.-SW.-NW.
Comanche, Br. S. S.	Baytown	London	30 54 N.	79 12 W.	29.	4a., 29th.	29.	30.10	SSW.	Var. 5.	Var.	NNW., 8.	Steady.
Hellig Olav, Dan. S. S.	New York	Christian-sand.	51 35 N.	34 56 W.	28.	4a., 29th.	29.	29.64	NW.	NW., 8.	NW.	NW., 8.	Steady.
NORTH PACIFIC OCEAN													
W. S. Miller, Am. S. S.	San Pedro	Balboa	20 08 N.	106 41 W.	July 1.	2p., 1st.	July 1.	29.56	E.	ESE., 11.	SSE.	ESE., 11.	ESE.-SE.
Steel Mariner, Am. S. S.	do.	do.	19 37 N.	105 53 W.	1.	1p., 1st.	1.	29.76	SE.	SSE., 8.	S.	SSE., 8.	NE.-S.
West Chopaka, Am. S. S.	San Francisco	Shanghai	50 00 N.	176 00 W.	4.	1a., 4th.	5.	29.18	SE.	SE., 8.	S.	SE., 8.	SE.-S.
Eelbeck, Am. S. S.	Honolulu	Balboa	16 40 N.	112 30 W.	5.	1a., 6th.	7.	29.70	SSW.	W., 5.	SSW.	SSW., 9.	WNW.-SSW.
Patrick Henry, Am. S. S.	do.	Manila	15 10 N.	131 50 E.	13.	2a., 14th.	15.	29.29	S.	E., 5.	WSW.	WNW., 8.	Variable.
Dewey, Am. S. S.	Hong Kong.	San Francisco.	25 22 N.	119 41 E.	16.	2a., 17th.	17.	29.24	N.	NNE., 10.	NE.	NNE., 10.	NNE.-N.
SOUTH PACIFIC OCEAN													
Tahiti, Br. S. S.	San Francisco.	Sydney	34 35 S.	154 29 E.	8.	4p., 8th.	9.	29.70	SW.	NW., 4.	—	SW., 8.	NW.-SW.
Pleiodon, Br. S. S.	San Pedro	Auckland	30 05 S.	178 20 W.	10.	—, 12th.	14.	29.54	NW.	WSW., 8.	SW.	WSW., 8.	Do.
West Nivaria, Am. S. S.	New Zealand.	Honolulu	New Plymouth, N.Z.	10.	8a., 11th.	14.	28.96	NE.	S., 6.	SW.	W., 10.	S.-W.	Do.
INDIAN OCEAN ¹													
Roepat, Du. S. S.	Du. East Indies.	Suez	8 51 N.	52 20 E.	3.	4a., 4th.	4.	29.72	SW.	SW., —	SW.	SW., 10.	Steady.
Zurichmoor, Br. S. S.	Karachi	Port Said	18 50 N.	59 45 E.	5.	8a., 5th.	7.	29.55	SW.	SW., 6.	SSW.	SW., 8.	Do.
Atlanta City, Am. S. S.	Penang	Aden	7 20 N.	57 30 E.	12.	7a., 13th.	13.	29.79	SW.	SW., 8.	SW.	SW., 8.	Do.
SOUTH ATLANTIC OCEAN													
Gedania, Danz. S. S.	Talara	Campana	35 05 S.	55 17 W.	5.	2p., 5th.	7.	—	E.	WNW., 8.	SW.	WNW., 8.	WNW.-SW.
Saint Dunstan, Br. S. S.	Cardiff	River Plate.	31 58 S.	51 02 W.	6.	—, 7th.	8.	30.20	W.	W., 9.	SW.	W., 9.	WNW.-WSW.
Chincha, Am. S. S.	Durban	Rio de Janeiro.	26 48 S.	27 13 W.	13.	10p., 16th.	16.	30.18	SE.	ENE., 4.	E.	ESE., 8.	—
Clearwater, Am. S. S. (late report for June).	Brazil	New Orleans.	31 51 S. ²	50 23 W. ²	June 10.	4p., 11th.	June 13.	29.15	N.	SW., 12.	SSW.	SW., 12.	—

¹ Reports of southwest monsoon.² Near.